



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide



Searching within **The ACM Digital Library** with **Advanced Search**: (network and measurement a or latency) ([start a new search](#))

Found **3,118** of **280,305**

REFINE YOUR SEARCH

[Search Results](#)

[Related Journals](#)

[Related Magazines](#)

[Related SI](#)

Results 1 - 20 of 3,118

Sort by [relevan](#)

▼ [Refine by Keywords](#)

Discovered Terms

▼ [Refine by People](#)

[Names](#)
[Institutions](#)
[Authors](#)
[Editors](#)
[Reviewers](#)

▼ [Refine by Publications](#)

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)

▼ [Refine by Conferences](#)

[Sponsors](#)
[Events](#)
[Proceeding Series](#)

[Save results to a Binder](#)

Result page: [1](#) [2](#)

1 [RCBR: a simple and efficient service for multiple time-scale traffic](#)
 Matthias Grossglauser, Srinivasan Keshav, David N. C. Tse
 December 1997 **IEEE/ ACM Transactions on Networking (TON)** , Volume
Publisher: IEEE Press

Full text available: [Pdf](#) (617.74 KB)

Additional Information: [full citation](#), [refere](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 37, Downloa

Keywords: compressed video, multiple time scales, renegotiation, vari

2 [Packet prediction for speculative cut-through switching](#)
 Paul Congdon, Matthew Farrens, Prasant Mohapatra
 November 2008 **ANCS '08: Proceedings of the 4th ACM/IEEE Symposium o**
Communications Systems

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (154.03 KB)

Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 63, Downloa

The amount of intelligent packet processing in an Ethernet switch contri
 embedded applications such as network security, load balancing and qu
 packet processing is contributing ...

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

Please provide us
 with feedback

Found **3,118** of **280,305**

Keywords: cut-through, ethernet switching, packet prediction, specula

3 [Content sharing middleware for mobile devices](#)
 Petros Belimpasakis, Juha-Pekka Luoma, Mihaly Börzsei
 February 2008 **MOBILWARE '08: Proceedings of the 1st international confi**
Operating Systems, and Applications

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecom

Full text available: [Pdf](#) (706.62 KB)

Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 100, Downl

As mobile smart phones have evolved being converged devices, they ar
 different types of high quality content, such as images, music and videoc
 synchronize and archive their content, lead to the ...

Keywords: Symbian, content, middleware, mobile devices, sharing

4 [Zigzag decoding: combating hidden terminals in wireless networks](#)



Shyamnath Gollakota, Dina Katabi

August 2008 **SIGCOMM '08: Proceedings of the ACM SIGCOMM 2008 conference**

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (930.40 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 331, Downloads (24 Months): 1,000

This paper presents ZigZag, an 802.11 receiver design that combats hidden terminals. Its contribution is a new form of interference cancellation that exploits asynchronous transmissions. Specifically, 802.11 retransmissions, in ...

Keywords: hidden terminals, interference cancellation, wireless

Also published in:

October 2008 **SIGCOMM Computer Communication Review** Volume 38 Issue 4

5 [BlueStar: enabling efficient integration between bluetooth WPANs and WLANs](#)

Carlos De M. Cordeiro, Sachin Abhyankar, Rishi Toshiwal, Dharma P. Agrawal

August 2004 **Mobile Networks and Applications**, Volume 9 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: Pdf (672.02 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 87, Downloads (24 Months): 1,000

Bluetooth is a radio technology for Wireless Personal Area Networking (WPAN) in the 2.4 GHz frequency band. So far, there has been little research on how Bluetooth can efficiently have uninterrupted access to the ...

Keywords: IEEE 802.11, analytical modeling, architecture, bluetooth, gateway, interference, protocol stack, simulation

6 [Constructing collaborative desktop storage caches for large scientific datasets](#)



Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Stear, Simon, Stephen L. Scott

August 2006 **Transactions on Storage (TOS)**, Volume 2 Issue 3

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (833.76 KB)




Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 122, Downloads (24 Months): 1,000

High-end computing is suffering a *data deluge* from experiments, simulations, and overwhelming application dataset sizes. This has led to the proliferation of storage area clusters, and data ...



Keywords: Distributed storage, parallel I/O, scientific data management, cache, storage networking, storage resource management, storage scalability

7 [Improving the reliability of commodity operating systems](#)

-  [Michael M. Swift](#), [Brian N. Bershad](#), [Henry M. Levy](#)
February 2005 **Transactions on Computer Systems (TOCS)** , Volume 23 Is
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (459.98 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 62, Downloads (12 Months): 349, Downl


Despite decades of research in extensible operating system technology, remain a significant cause of system failures. In Windows XP, for exam recently reported failures. This article ...

Keywords: I/O, Recovery, device drivers, protection, virtual memory



- 8 [On the stability of the information carried by traffic flow features at th](#)
 [Alice Este](#), [Francesco Gringoli](#), [Luca Salgarelli](#)
June 2009 **SIGCOMM Computer Communication Review** , Volume 39 Iss
Publisher: ACM
Full text available:  Pdf (554.51 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 116, Downl

This paper presents a statistical analysis of the amount of information tl at the packet-level carry, with respect to the protocol that generated th information of the majority of ...

Keywords: traffic classification, transport layer




- 9 [Advocating a remote socket architecture for internet access using wi](#)
[M. Schläger](#), [B. Rathke](#), [A. Wolisz](#), [S. Bodenstein](#)
January 2001 **Mobile Networks and Applications** , Volume 6 Issue 1
Publisher: Kluwer Academic Publishers
Full text available:  Pdf (490.10 KB) Additional Information: [full citation](#), [reference](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 32, Downloa

Keywords: TCP, internet access, measurement, performance, socket-ir

- 10 [Can you infect me now?: malware propagation in mobile phone netw](#)
 [Chris Fleizach](#), [Michael Liljenstam](#), [Per Johansson](#), [Geoffrey M. Voelker](#), [An](#)
November 2007 **WORM '07: Proceedings of the 2007 ACM workshop on Re**
Publisher: ACM
Full text available:  Pdf (946.28 KB) Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 226, Downl

In this paper we evaluate the effects of malware propagating usingcom networks. Although self-propagating malware is well understood in the very different characteristics in terms ...

Keywords: cellular phone networks, defenses, epidemiology, measurer


-  [miNI: reducing network interface memory requirements with dynamic](#)
[Reza Azimi, Angelos Bilas](#)
 June 2003 **ICS '03: Proceedings of the 17th annual international confere**
Publisher: ACM  [Request Permissions](#)
 Full text available:  Pdf (289.75 KB) Additional Information: [full citation](#), [abstra](#)
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 21, Downloa

Recent work in low-latency, high-bandwidth communication systems ha
 Network Interface Controllers (NICs) and communication abstractions tl
 applications virtual memory to avoid ...




Keywords: parallel architectures, system area networks

- 12 [Data base system performance prediction using an analytical model](#)
[Kenneth C. Sevcik](#)
 September 1981 **VLDB '1981: Proceedings of the seventh internationa**
Bases - Volume 7 , Volume 7
Publisher: VLDB Endowment
 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downl

Much progress has been made recently in developing strategies for data
 physical levels. Various approaches, some built into automated design a
 be "good" (or even "optimal" in some ...

- 13 [Executing multiple pipelined data analysis operations in the grid](#)
[Matthew Spencer, Renato Ferreira, Michael Beynon, Tahsin Kurc, Umit Cat](#)
 November 2002 **Supercomputing '02: Proceedings of the 2002 ACM/IEEE**
Publisher: IEEE Computer Society Press
 Full text available:  Pdf (158.51 KB) Additional Information: [full citation](#), [abstra](#)
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 18, Downloa


Processing of data in many data analysis applications can be represente
 from data sources to the client. This paper is concerned with scheduling
 each of which is represented ...

- 14 [An empirical study of bandwidth predictability in mobile computing](#)
 [Jun Yao, Salil S. Kanhere, Mahbub Hassan](#)
 September 2008 **WINTech '08: Proceedings of the third ACM international**
experimental evaluation and characterization
Publisher: ACM  [Request Permissions](#)
 Full text available:  Pdf (476.45 KB) Additional Information: [full citation](#), [abstra](#)
Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 90, Downlo

While bandwidth predictability has been well studied in static environme
 context of mobile computing. To gain a deeper understanding of this im
 we conducted an eight-month ...

Keywords: bandwidth predictability, entropy, information theory, mea

15 [Write off-loading: Practical power management for enterprise storage](#)

 Dushyanth Narayanan, Austin Donnelly, Antony Rowstron
November 2008 **Transactions on Storage (TOS)** , Volume 4 Issue 3

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (788.45 KB) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 115, Downl

In enterprise data centers power usage is a problem impacting server d
Storage uses a significant fraction of the power budget and there are nc
for enterprise storage systems. ...

Keywords: DiskEnergy, disk spin-down, energy, enterprise storage, po

16 [Improving the reliability of commodity operating systems](#)

 Michael M. Swift, Brian N. Bershad, Henry M. Levy
December 2003 **SOSP '03: Proceedings of the nineteenth ACM symposium**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (262.78 KB) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 271, Downl

Despite decades of research in extensible operating system technology,
remain a significant cause of system failures. In Windows XP, for exam
reported failures. This paper describes ...

Keywords: I/O, device drivers, protection, recovery, virtual memory

Also published in:

December 2003 **SIGOPS Operating Systems Review** Volume 37 Issue 5

17 [On performance bounds for the integration of elastic and adaptive st](#)

 Thomas Bonald, Alexandre Proutière
June 2004 **SIGMETRICS '04/ Performance '04: Proceedings of the join**
Measurement and modeling of computer systems

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (218.92 KB) Additional Information: [full citation](#), [abstra](#)




Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 56, Downloa

We consider a network model where bandwidth is fairly shared by a dyr
streaming flows. Elastic flows correspond to data transfers while adaptiv
audio/video applications with variable rate ...

Keywords: adaptive streaming traffic, elastic traffic, flow-level analysis
network


Also published in:




June 2004 **SIGMETRICS Performance Evaluation Review** Volume 32 Issue 1

- 18 [A characterization of the sensitivity of query optimization to storage e](#)
 Frederick R. Reiss, Tapas Kanungo
June 2003 **SIGMOD '03: Proceedings of the 2003 ACM SIGMOD internat**
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (255.35 KB) Additional Information: [full citation](#), [abstra](#)
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 49, Downloa

Most relational query optimizers make use of information about the cost structures on various storage devices. This information can at times be to human error in configuration setup, ...

Keywords: autonomic computing, computational geometry, databases, systems

- 19 [ACM SIGEVolution: Volume 1 Issue 3](#)
 September 2006 SIGEVolution
Publisher: ACM
Additional Information: [full citation](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downl

- 20 [High-bandwidth data dissemination for large-scale distributed system](#)
 Dejan Kostić, Alex C. Snoeren, Amin Vahdat, Ryan Braud, Charles Killian, J Adolfo Rodriguez, Erik Vandekieft
February 2008 **Transactions on Computer Systems (TOCS)** , Volume 26 Is
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (1.23 MB) Additional Information: [full citation](#), [abstra](#)
Bibliometrics: Downloads (6 Weeks): 30, Downloads (12 Months): 219, Downl

This article focuses on the multireceiver data dissemination problem. In efficiently supporting such distribution. More recently, overlay networks multipoint communication. Both ...

Keywords: Bandwidth, overlays, peer-to-peer

Result page: 1 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 20
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#) 